

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/037570

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01D46/52 F02M35/024

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/095068 A (DONALDSON COMPANY, INC; NEPSUND, LARRY, R; KUEMPEL, BRADLEY, A; ENGEL,) 20 November 2003 (2003-11-20) the whole document	1-22
A	US 6 231 630 B1 (ERNST VOLKER ET AL) 15 May 2001 (2001-05-15) abstract; figures 2,3	1,7,8, 11,18
A	US 5 820 646 A (GILLINGHAM ET AL) 13 October 1998 (1998-10-13) figures 1-6,14	1,7,8, 11,18
A	US 3 494 113 A (WILLIAM L. KINNEY) 10 February 1970 (1970-02-10) figure 1	1,11,18
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

22 February 2005

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02/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 494 497 A (LEE ET AL) 27 February 1996 (1996-02-27) figures 1-3	1,11,18
A	US 5 030 264 A (KLOTZ ET AL) 9 July 1991 (1991-07-09) figures 1,2	1,11,18

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Information on patent family members

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